

PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

ADDITIONAL TECHNICAL INFORMATION GRAPHIC ARTS OPERATIONS

Graphic Arts Operations are defined as “any publication, packaging or specialty gravure printing; flexographic, lithographic, or letterpress printing; or any coating or laminating operation that manufactures and prints flexible packaging material”.

1. Company Name: _____
2. Operating Schedule:
 - a. Maximum Hours of Operation per day: _____
 - b. Maximum Days of Operation per quarter: _____
3. Equipment Location Drawing - Submit a drawing or sketch which shows at least the following:
 - a. The property involved and outlines of all buildings. Identify property lines plainly, and indicate building heights(s).
 - b. Location and identification of the coating application equipment on the property. Show vent or stack for the applicator ventilation system.
4. Type of Printing Operation: (Check all that apply)

<input type="checkbox"/> Publication Gravure	<input type="checkbox"/> Packaging Gravure	<input type="checkbox"/> Specialty Gravure
<input type="checkbox"/> Flexographic	<input type="checkbox"/> Lithographic/Offset	<input type="checkbox"/> Letterpress
<input type="checkbox"/> Printing Flexible Packaging Material	<input type="checkbox"/> Other _____	
5. Equipment Description:
 - a. Manufacturer: _____
 - b. Model: _____
 - c. Press Drive (horsepower): _____
 - d. Exhaust Blower (Horsepower) : _____
 - e. Stack Outlet (diameter and height) : _____
6. Substrates Printed: (Check all that apply)

<input type="checkbox"/> Newsprint	<input type="checkbox"/> Coated paper	<input type="checkbox"/> Corrugated	<input type="checkbox"/> Vinyl
<input type="checkbox"/> Regular paper	<input type="checkbox"/> Plastic	<input type="checkbox"/> Cellophane	<input type="checkbox"/> Wallpaper
<input type="checkbox"/> Other(s) _____			

7. Emission Control Equipment: (Check all that apply)

- ☐ None ☐ Spray booth ☐ Wet Scrubber ☐ Dry Filter ☐ Baghouse
☐ Thermal Incinerator ☐ Catalytic Incinerator ☐ Carbon Adsorber
☐ Condenser ☐ Other Control Devices _____

8. Energy Requirements:

Electrical: Manufacturer: _____
 Total motor horsepower of printing and related equipment _____ hp
 Total kilovolt-ampere rating for other electrical equipment _____ kva

Natural Gas: Manufacturer: _____
 Process heating device btu/hour rating: _____

Fuel Oil: Manufacturer: _____
 Process heating device btu/hour rating: _____

9. Inks, fountain solutions, solvents and other chemicals*: Use the following table to estimate the **maximum** volume of materials you use in a day or a month. Obtain VOC content from product data sheets and/or from you supplier. (If you already have this information, but in a different format, just attach a copy to this application package and ignore the following table. If you purchase materials in quantities other than gallons, cross out "Gallons" and indicate what units you use.)

TYPE MATERIAL	GAL. USED /YEAR OR	GAL. USED /MONTH	TYPICAL PRODUCT BRAND NAME & ID #	VOC CONTENT
INKS				
COATINGS				

ADHESIVES				
TYPE MATERIAL	GAL. USED /YEAR OR	GAL. USED /MONTH	TYPICAL PRODUCT BRAND NAME & ID #	VOC CONTENT
FOUNTAIN SOLUTIONS, REDUCERS, SURFACE PREP AND CLEANUP SOLUTIONS				
OTHER – (DRIERS, VEHICLES, ETC.)				
TOTAL EST. USAGE				

10. Future expansion: (optional)

If you are planning to expand your business and/or add equipment within the next 12 months please estimate the percent increase in volume of inks, fountain solutions, solvents and other chemical materials that you expect and briefly list any equipment that you might add. *(This information will enable the District to size your initial operating permit to meet your future needs)*

Your Operating Permit will specify the maximum VOC (Volatile Organic Compound) content allowable for your materials. If you don't know the VOC content for a material, leave that part blank. Please check with your supplier(s) to ensure that the products sold to you are in compliance with Placer County Air Pollution Rule 239, Graphic Arts Operations and Rule 235, Adhesives. If there are questions about these requirements, ask your supplier to contact the District.